

WHAT IS CLAIMED IS:

1 ⁵⁰ 1. A telecommunications system, comprising:
 2 ^{AV} local area network;
 3 one or more telecommunications devices coupled to said local area network;
 4 a switching unit coupled to said local area network, said switching unit
 5 adapted to associate a plurality of numbers with a user, record a time and associated
 6 number at which said user has been reached, and perform a closest neighbor
 7 comparison of previous calls to determine where to connect a current call.

1 2. A telecommunications system in accordance with claim 1, said
 2 switching unit further adapted to switch calls to said user at particular locations at
 3 programmed times.

1 3. A telecommunications system in accordance with claim 2, said
 2 switching unit comprising an H.323 gatekeeper.

1 4. A telecommunications gatekeeper, comprising:
 2 a control processor adapted to process incoming and outgoing calls, wherein
 3 users have one or more numbers associated with them;
 4 a record unit adapted to store in a memory a call history associated with
 5 particular users; and
 6 a compare unit adapted to perform a closest neighbor comparison of said call
 7 history to determine at which of said one or more numbers to connect the call.

1 5. A telecommunications gatekeeper in accordance with claim 4, said
 2 control unit programmable to switch calls to said users at particular numbers at
 3 particular times.

1 6. A telecommunications gatekeeper in accordance with claim 5, said
 2 compare unit adapted to perform said closest neighbor comparison if a call is not
 3 connected to a programmed number at the programmed time.

09900267.070501

1 7. A telecommunications gatekeeper in accordance with claim 4, wherein
2 said call history is updated after every call.

1 8. A telecommunications gatekeeper in accordance with claim 4, wherein
2 said call history is cleared after a predetermined period.

1 9. A method, comprising:
2 maintaining a call history of calls to one or more numbers of a particular user;
3 receiving a new call;
4 performing a closest neighbor comparison on said call history to determine at
5 which of said numbers to switch said new call;
6 connecting said new call; and
7 updating said call history.

1 10. A method in accordance with claim 9, further comprising first
2 attempting to switch a call to a user-programmed time associated call location.

1 11. A method in accordance with claim 10, further comprising clearing said
2 call history after a predetermined period has elapsed.

1 12. A method, comprising:
2 providing a control processor adapted to process incoming and outgoing calls,
3 wherein users have one or more numbers associated with them;
4 providing a record unit adapted to store in a memory a call history associated
5 with particular users; and
6 providing a compare unit adapted to perform a closest neighbor comparison
7 of said call history to determine at which of said one or more numbers to connect the
8 call.

1 13. A method in accordance with claim 12, said control unit programmable
2 to switch calls to said users at particular numbers at particular times.

09900267.070601

1 14. A method in accordance with claim 13, said compare unit adapted to
2 perform said closest neighbor comparison if a call is not connected to a programmed
3 number at the programmed time.

1 15. A method in accordance with claim 14, wherein said call history is
2 updated after every call.

1 16. A method in accordance with claim 14, wherein said call history is
2 cleared after a predetermined period.

09900267.070601